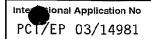
INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04Q7/36 H01C H0103/26 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) H04Q H01Q IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category 6 Citation of document, with indication, where appropriate, of the relevant passages χ WO 01/15477 A (METAWAVE COMMUNICATIONS 1 - 29CORPORATION) 1 March 2001 (2001-03-01) page 4, line 25 - page 6, line 17 page 7, line 1 - line 17 page 11, line 28 - page 12, line 20 page 17, line 20 page 12, line 25 page 17, line 4 - line 22 page 24, line 13 - line 24 page 26, line 30 - page 27, line 12 page 28, line 15 - page 30, line 7 Further documents are listed in the continuation of box C. X Patent family members are listed in annex. ° Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means document published prior to the international filing date but later than the priority date claimed *&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 8 February 2005 15/02/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Tsapelis, A

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Form PCT/ISA/210 (patent family annex) (January 2004)